

REMARKS

It is respectfully submitted that neither Jones, Sward, or Hutchison teaches a torsion spring that extends along the length of the housing and stays in spring biased contact with the reciprocating antenna.

Hutchison teaches a spring in paragraphs 17 and 18, but this spring is never described as being a torsion spring. Clearly, this spring, which is not even shown in the figures, is responsible for urging the antenna to extend from the apparatus housing.

In paragraphs 50-52, a different spring is described that is used for opening and closing a clamshell-type phone housing. This spring is a torsion spring, but it has nothing to do with extending the antenna. It has the traditional job of a torsion spring in which rotational movement is urged by the spring.

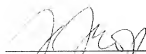
What is unique about the present application is the use of a torsion spring to maintain contact with a reciprocating element. This is never taught in any of the cited references, nor is it suggested. The fact that torsion springs are known for causing or biasing parts to rotate does not suggest using a torsion spring that maintains contact with a reciprocating element. Since no reference teaches this, nor any reason to expect to achieve it, there is no basis for the rejection. For example, the fact that Hutchison teaches spring biasing the antenna does not suggest using a torsion spring to maintain contact with a reciprocating antenna. The torsion spring that Hutchison does teach is not even in contact at any time with the antenna and is used for the traditional function of a torsion spring, which is biasing for rotation.

Therefore, reconsideration is respectfully requested.

In addition, it is respectfully submitted that no one taught using both a compression spring and a torsion spring between the housing and the antenna. Thus, the teaching of using two different types of springs is absent from the prior art and, for this additional reason, reconsideration of the rejection of claim 28 is requested.

Respectfully submitted,

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